

## SALMON RIVER BASIN

13297330 THOMPSON CREEK NEAR CLAYTON, ID

LOCATION.--Lat 44°16'01", long 114°30'48", in NE<sub>1/4</sub>NE<sub>1/4</sub>SE<sub>1/4</sub> sec.24, T.11 N., R.16 E., Custer County, Hydrologic Unit 17060201, on right bank 1.2 mi upstream from mouth, 2.2 mi below Pat Hughes Creek, and 5.7 mi west of Clayton.

DRAINAGE AREA.--29.1 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is about 5,700 ft, from topographic map. Prior to June 13, 1982, recording gage at site 200 ft upstream at datum 2 ft higher.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--11 years, 18.9 ft<sup>3</sup>/s, 8.82 in./yr, 13,690 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 332 ft<sup>3</sup>/s June 16, 1974, gage height, 5.61 ft from floodmark; minimum, 1.0 ft<sup>3</sup>/s Mar. 16, 1980, gage height, 3.73 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 237 ft<sup>3</sup>/s May 27; maximum gage height, 3.96 ft May 26 (peak discharge undetermined), only peak above base of 80 ft<sup>3</sup>/s; minimum daily, 3.4 ft<sup>3</sup>/s Feb. 12, 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	6.5	5.6	4.4	3.9	4.4	6.5	28	144	34	10	6.6
2	7.1	6.2	5.6	4.4	4.0	4.4	6.5	30	120	41	10	6.6
3	6.5	5.9	5.6	4.8	3.8	4.4	6.5	32	121	37	10	6.6
4	6.5	5.9	5.6	5.4	3.8	4.4	5.9	36	123	31	9.9	6.6
5	6.5	5.9	5.6	5.7	3.9	4.4	5.0	41	115	30	11	6.3
6	6.5	5.9	5.6	6.1	4.3	5.6	5.6	38	102	30	9.5	6.3
7	6.5	5.6	5.6	6.1	4.6	5.6	6.2	36	102	28	8.8	6.1
8	6.5	5.6	4.6	6.0	3.8	5.6	5.9	38	105	26	8.8	6.1
9	6.5	5.6	5.1	5.6	3.8	5.6	5.9	35	107	26	18	6.1
10	6.5	5.6	5.0	5.4	3.8	6.2	5.9	33	102	44	12	6.1
11	6.5	5.6	4.9	5.3	3.8	7.6	5.9	30	101	34	11	6.1
12	6.5	4.4	5.3	5.2	3.4	8.2	5.9	28	92	29	9.9	5.8
13	6.5	5.6	5.3	5.2	3.4	8.2	5.9	25	80	26	8.8	5.8
14	6.5	4.1	5.3	4.9	3.8	9.5	6.2	24	72	24	8.4	5.8
15	6.5	4.7	5.3	4.7	3.8	8.9	5.9	26	69	24	8.4	5.6
16	6.5	5.3	5.3	5.2	3.8	7.6	6.2	27	70	22	9.2	5.6
17	6.5	5.9	5.3	5.5	3.8	6.5	7.1	25	67	19	8.1	5.6
18	6.5	5.9	5.3	5.3	4.1	6.5	8.2	29	67	18	7.9	5.6
19	6.2	5.9	5.3	5.2	4.1	6.2	12	34	63	18	7.6	5.8
20	5.9	5.9	5.3	5.3	4.1	5.5	12	44	57	16	10	5.8
21	5.9	5.9	5.3	5.3	4.1	6.5	10	71	52	16	8.8	5.8
22	5.9	4.7	5.3	5.3	4.1	7.1	14	93	46	15	8.4	5.8
23	6.2	3.9	5.0	5.0	4.1	7.1	16	106	44	15	9.9	5.8
24	6.2	4.8	5.1	5.0	4.1	6.5	18	156	44	14	8.4	5.8
25	6.2	5.3	4.6	5.0	4.1	7.1	29	209	43	13	7.9	5.6
26	6.5	5.5	5.2	5.0	4.4	6.2	27	228	43	12	7.6	5.6
27	7.1	5.6	4.9	5.0	4.4	6.2	21	237	53	12	7.4	5.8
28	7.1	5.6	4.4	4.7	4.4	6.2	24	235	44	12	7.1	5.8
29	6.5	5.6	4.3	4.1	--	6.2	24	224	41	11	6.8	5.8
30	6.5	5.6	4.3	4.7	--	6.3	25	212	36	11	6.8	5.8
31	6.5	--	4.3	4.7	--	6.5	--	191	--	10	6.6	--
TOTAL	200.9	164.5	159.2	159.5	111.5	197.2	343.2	2601	2325	698	283.0	178.5
MEAN	6.48	5.48	5.14	5.15	3.98	6.36	11.4	83.9	77.5	22.5	9.13	5.95
MAX	7.1	6.5	5.6	6.1	4.6	9.5	29	237	144	44	18	6.6
MIN	5.9	3.9	4.3	4.1	3.4	4.4	5.0	24	36	10	6.6	5.6
CFSM	.22	.19	.18	.18	.14	.22	.39	2.88	2.66	.77	.31	.20
IN.	.26	.21	.20	.20	.14	.25	.44	3.32	2.97	.89	.36	.23
AC-FT	398	326	316	316	221	391	681	5160	4610	1380	561	354
CAL YR 1982	TOTAL	11744.7	MEAN	32.2	MAX	283	MIN	2.3	CFSM	1.11	IN	15.01
WTR YR 1983	TOTAL	7421.5	MEAN	20.3	MAX	237	MIN	3.4	CFSM	.70	IN	9.49
									AC-FT	14720		